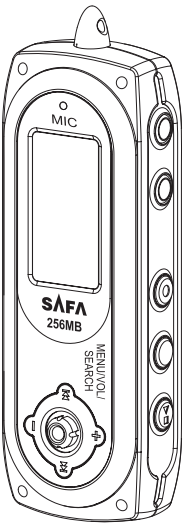
User's Manual

DIGITAL MULTI PLAYER
SR-M510F(128MB)
SR-M520F(256MB)
SR-M550F(512MB)



Thank you for purchasing this product.
Please read this manual carefully and make yourself be familiar with all functions before using this product.

SAFA MEDIA Co., Ltd.

Special Features

1. Portable necklace type design
2. Easy to download with UMS (USB Mass Storage) function
3. MP3/WMA file playback using the multi-codec playback
4. Encoding function which enables you to record voice and sound from external device as a MP3 file
5. Supporting multi language strings
6. FM radio reception and recording
7. Supporting firmware upgrade
8. Lyrics display function
9. Playback using the internal speaker
10. Memo function
11. Supporting 128 folders with 512 files for each folder
12. Supporting long file name (40 characters in English)
13. 7 EQ modes (Normal, Classic, Jazz, Pop, Rock, Super Bass, User) and 3D stereo function
14. Sound balance control
15. Supporting Repeat playback and shuffle playback
16. Slow and Fast Speed playback
17. Supporting playlist (up to 50 files)
18. My Logo function
19. Effective memory management using CD-Sync and VOR function
20. 7-color backlights

Contents

Before Using

- Installing Battery.....2
- Safety Notice.....4
- Accessories.....6
- Name of the Parts.....7

Connecting to PC

- Installation Software.....9
- Installing USB Driver.....10
- Using as Removable Disk.....14
- Disconnecting USB Cable.....17

Basic Operation

- Using Jog Key.....18
- Listening to Music.....19
- Switching Mode.....21
- Select Menu Language.....22
- Preparation for Recording.....23
- Recording Voice.....25
- Recording with External Device...26
- Listening to FM Radio.....27
- Recording FM Broadcasting.....32
- Menu Functions.....33

Advanced Operation

- Repeat/Shuffle Playback.....35
- EQ/3D Stereo Function.....36
- Playlist Function.....38
- Deleting File and Folder.....41
- Using Memo Function.....43
- Using Logo Function.....45
- Advanced Operations.....47
- Setting start/end sound when turning the power on/off.....53
- Upgrading Firmware.....54

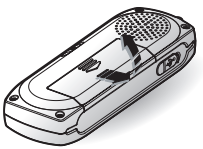
Customer Support

- Troubleshooting.....55
- Specifications.....56
- Warranty.....57

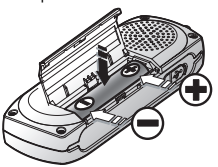
Installing Battery

Make sure to use a battery marked with AAA/LR03/AM4.

1. Open the USB cap and a battery cover as shown in the figure.



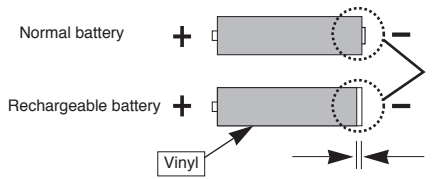
2. Remove the vinyl pack that is inserted to prevent battery consumption.



3. Insert the one AAA-size battery with checking the polarities (+/-) correctly. Put the battery into the compartment with (-) mark and slide it to (+) direction.

◆ **How to rechargeable battery**

1. Please insert the rechargeable battery into the MP3 player.

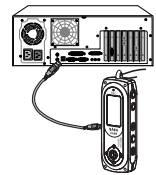


As you can see the minus (-) terminals between normal battery and rechargeable battery are different.

※ Please peel Vinyl plastic off approximately 3mm before using the rechargeable battery.

Installing Rechargeable Battery

2. Please connect a set with PC through the USB connector.



Connect with USB extension cable

3. When the voltage is lower then 1.25V, it starts to recharge the battery (backlight change to red color).
   [Reference] The reason why it does not recharge the battery when the voltage is over 1.25V is for maximization of use for the Ni-MH type of rechargeable battery. Procedure is as follows;
   Full discharging → Full recharging → Full discharging → Full recharging and so on.
4. When recharging completed, backlight changes to blue color. (It takes approximately 4 hours) then please separate a set from the PC.

Note

1. Do not put any dusty objects around the battery terminal.
The charging function may not work properly.
2. If the battery amount is sufficient, recharging will not be initiated.
3. Recharging time: Approximately 3 - 4 hours.
4. Do not recharge the regular battery. It may explode.

Safety Notice

Please read the following instructions carefully for your safety and prevention of property damage.

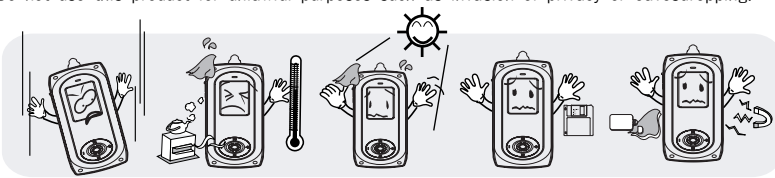
1. Do not dismantle, assemble or alter the product arbitrarily
2. Don't use it in an aircraft or where the use of electronic instruments is prohibited
3. Don't drop it in water or drop water on it.
4. Recording other than for your own personal use is illegal.

Cautions on using battery

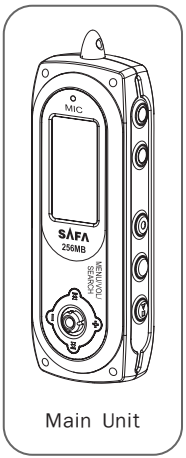
1. Make sure to use the AAA/R03/UM-4 type battery.
2. Do not throw into a fire to avoid a danger of explosion.
3. Do not sink into the water or get soaked since the battery charging function can be lost.
4. Do not charge the battery longer than specified to prevent a danger of a fire.
5. Do not use the damaged rechargeable battery.
6. Do not take the rechargeable battery apart or weld the rechargeable battery.
7. Overcharging and over-discharging may shorten the rechargeable battery life span.
8. The usage time of the charged battery becomes short as much as you use. When depleted, replace with new one.
9. To use the charged battery longer, charge completely and use it completely until fully discharged. If you charged the battery before it is completely discharged, the battery usage time can be shortened. In this case, repeat "complete discharging and complete charging" to recover normal performance.
10. Be careful not to make an electrical short on the rechargeable battery ends with necklace or coins. A fire may break out.
11. Remove the battery and rechargeable battery from the player if you don't use for a long time.

Safety Notice

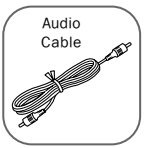
1. Dropping or hitting the body or components may damage them. Avoid this if possible.
2. If you find the product is giving off smoke or heat, this could damage it, remove battery and interface cable from body as quickly as possible.
3. If LCD is hit, it may break and liquid crystal may escape.
4. Do not leave in Sunlight directly or near heaters for any length of time.
5. The company cannot accept liability for any damage arising out of the use of this product or from third parties
6. The company cannot accept any liability for problems encountered in using the product or any loss of memory while it is being repaired. Important contents should be backup on PC or other recording media separately.
7. Remember that smart cards such as credit cards or fare cards may be damaged if they come into contact with the product's speaker.
8. Do not use this product for unlawful purposes such as invasion of privacy or eavesdropping.

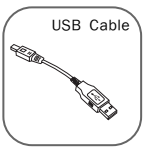


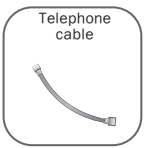
Accessories



Main Unit



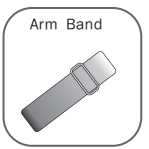




(option)

(option)

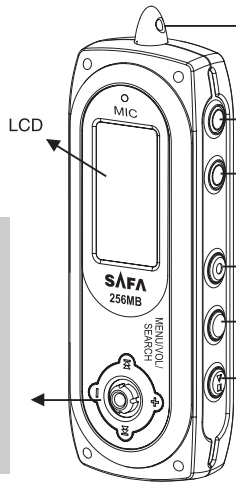
(option)



(option)

∗Accessories may differ from what you see in this manual.

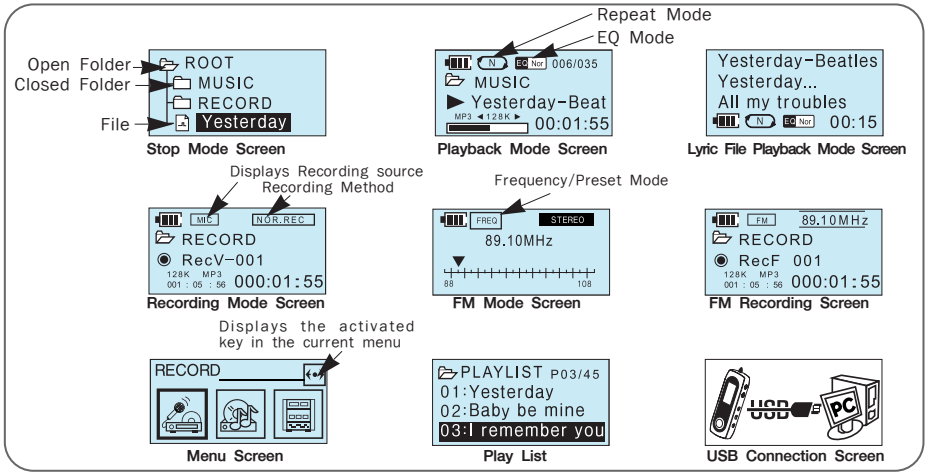
Names of each part



1. Menu key :
   Displays Menu mode, Navigation
2. ⏮ Key :
   BACK/REWIND
3. ⏭ Key :
   NEXT/FORWARD
4. VOL – Key :
   Volume down, Scroll down one level
5. VOL + Key :
   Volume up, Scroll up one level

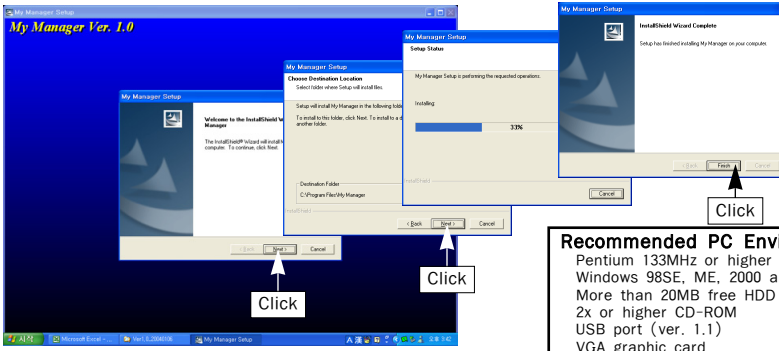
Name of the Parts

LCD Display Mode



Installation Software

When you insert the provided CD into the CD-ROM drive, the installation program will be automatically started. Install the program following the process below.



Recommended PC Environment

Pentium 133MHz or higher CPU
Windows 98SE, ME, 2000 and XP
More than 20MB free HDD space
2x or higher CD-ROM
USB port (ver. 1.1)
VGA graphic card

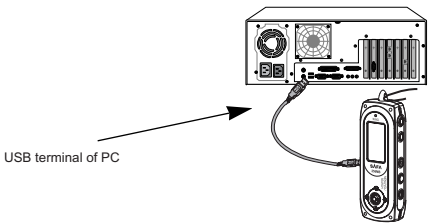
You will see the following icons on the desktop when installation is successfully completed.

My Manager

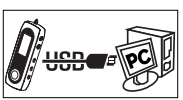
- Install the software using the administrator's account in Windows 2000/XP.
- The MP3 driver will be automatically recognized by Windows ME/2000/XP without additional software installation. However, you should install the software in order to use the additional functions such as My Logo or the memo writing functions. (Be noted that Windows 98 original version is not supported.)
- It cannot be installed on MAC operating system.

Installing USB Driver

1. Connect the player to the USB terminal of PC as shown in the figure. You can connect it without turning off the player.(However, if you set the player to the MP3 mode, installation will not be initiated.)



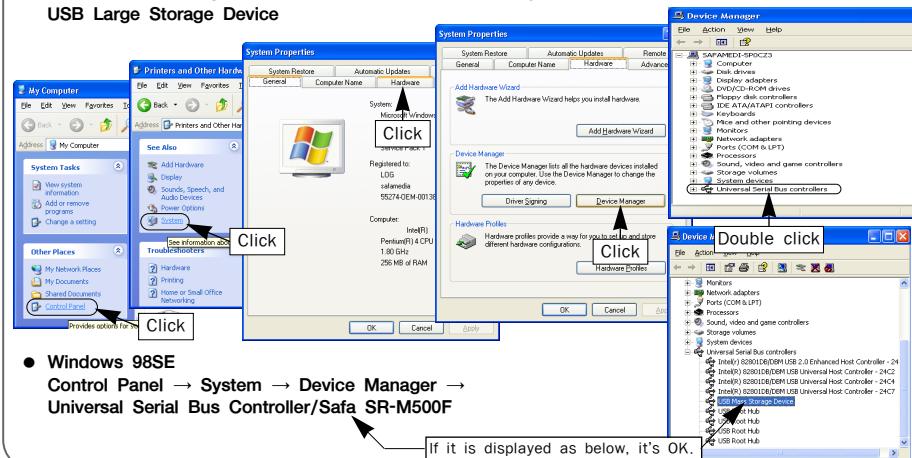
If it is connected successfully, the LCD display will be changed as shown in the figure.



2. USB driver installation will be started with the message "Finding new device". The installation screen may not be displayed.

Installing USB Driver

- ◆ **How to check whether the USB driver is installed properly in the Device Manager**
- ● **Windows 2000/ME, Windows XP**
  Control Panel → System → Hardware → Device Manager → Universal Serial Bus Controller → USB Large Storage Device



- ● **Windows 98SE**
  Control Panel → System → Device Manager → Universal Serial Bus Controller/Safa SR-M500F

Installing USB Driver

◆ **Installing USB driver manually(This section is not applicable if the USB driver is installed normally.) If the USB driver is not installed automatically, install it manually as described below.**

● **Windows 2000/ME, Windows XP**

1. Insert the CD in CD-ROM drive of PC.

2. Control Panel → System → Device Manager → Universal Serial Bus Controller → Double-click the device name with exclamation or question mark.
(See page 11 to see how to select the menu.)

3. Driver → Driver Update → Install from the List or Specific Location → Next → Browse → D:\Driver → Next → Finish

Note

If the USB driver is not automatically recognized by Windows 2000, download and install the latest service pack from Windowsupdate.Microsoft.com. The installation method may differ depending on the types of PC and environment. If you still cannot install the USB driver, contact the support center of the PC manufacturer. If you meet an installation error continuously, reboot the PC and reconnect the USB cable again.

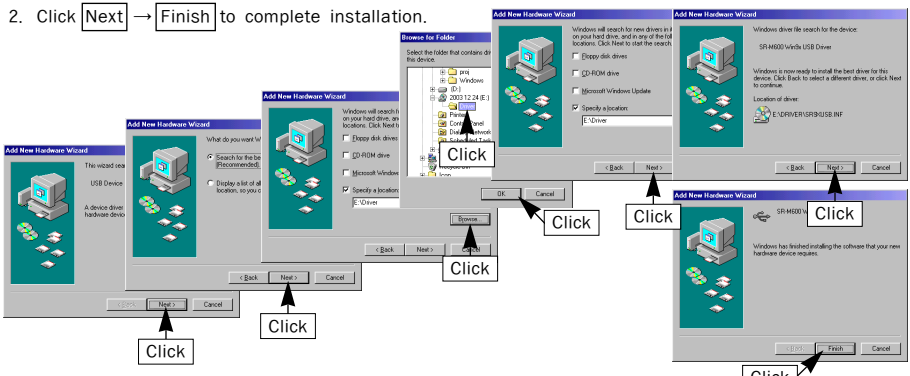
Installing USB Driver

- **Windows 98SE**

  In Windows 98SE, you cannot use the player as a removable disk if don't install the program using the installation CD. Make sure to install the USB driver first before using the player.

  ∗ Windows 98 original version is not supported.

1. Control Panel → System → Device Manager → Universal Serial Bus Controller/Safa SR-M500 and double-click the device name with exclamation or question mark.
2. Click Next → Finish to complete installation.



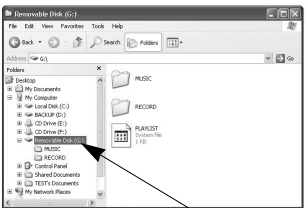
Make sure to reboot your computer after installation.

Using as Removable Disk

Once the program/ USB driver is installed and the player is connected to your PC, the PC will recognize the player as a removable disk. So you can use the player as an external storage device except for downloading file.

1. Connect to your PC. (See page 10.)
2. Click **OK** when the window shown below appears on the screen of PC.

Removable Disk (G:)
Windows can perform the same action each time you insert a disk or connect a device with this kind of file:
Music files
What do you want Windows to do?
Play
using Windows Media Player
Open folder to view files
using Windows Explorer
Take no action
Always do the selected action.
OK
Cancel



3. Double-click **My Computer** or **Window Explorer**. When successfully connected, the removable disk will be displayed.

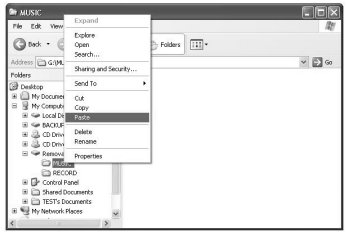
Note

Do not change the names of MUSIC folder and RECORD folder.

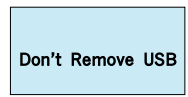
Using as Removable Disk

4. Select the file(s) to download from the PC and copy it to the MUSIC folder in the removable disk. (Use the same method of file copy as in your PC. You can also copy the file(s) from the removable disk to your PC.)

Select the file(s) to copy and right-click it → Click Copy → Select the MUSIC folder in the removable disk → Right-click → Click Paste.



The "Copying Files" window appears on your PC and the "Don't Remove USB" message appears on the LCD.



Using as Removable Disk

5. If the player LCD window appears as shown in the figure below, file download is completed. Now, remove the USB cable and use the player.

Note

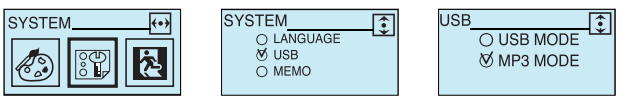
1. Do not plug out the USB cable during file downloading. It may cause malfunction to your PC and player.
2. Do not insert an earphone or an audio cable during file downloading.
3. Downloading can be delayed if there are too many folders or files.
4. The order of music files displayed on the Windows Explorer is not the order of actual music playback.

Note

You can use the player without battery when connected to the PC, which allows you save the battery.

How to set

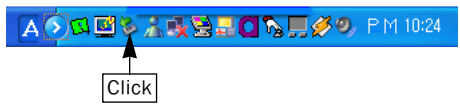
Select MENU → SYSTEM → USB and set to the MP3 MODE.



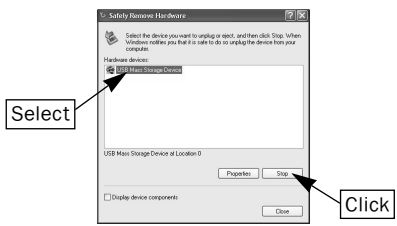
Disconnecting USB Cable

When you complete file download, plug out the cable as described below.

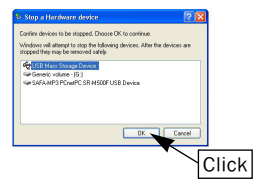
1. Click the green arrow displayed on the right side of the Task-bar.
   (The green arrow will not be displayed in Windows 98SE. If the LCD windows doesn't display the "Don't remove USB" message, plug out the cable.)



2. Select [USB Large Storage Device] and click the Stop button.


Safely Remove Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
USB Mass Storage Device at Location 0
Properties
Stop
Display device components
Close
Select
Click

3. Click the OK button in the "Stop Hardware Device" window and close the window


Stop a Hardware device
Confirm devices to be stopped. Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Generic volume - (G:)
SAFA-MP3 PCnetPC SR-M500F USB Device
OK
Cancel
Click

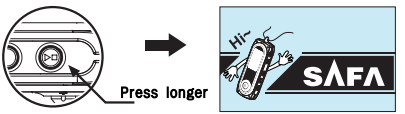
4. Plug out the cable.

Using Jog Key

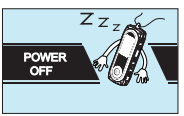
Turning the power on/off

1. Push [Hold] key towards "OFF".

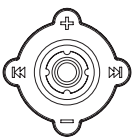
2. Press ▶ (PLAY/STOP) key for about 1 second to turn on the player.



3. To turn off the player, press ▶ (PLAY/STOP) key longer while the player is on.



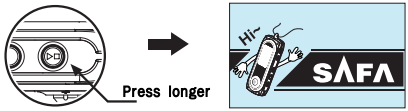
How to use jog key



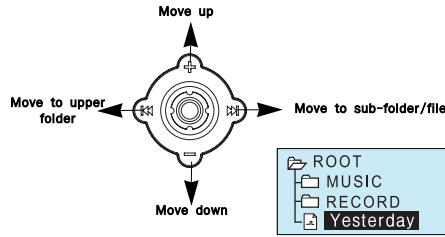
Press the key at the center or push upward/downward/left/right.

Listening to Music

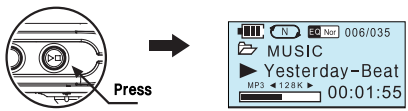
1. Press ▶ (PLAY/STOP) key longer to turn on the player.



2. Select the file you want using the jog key.

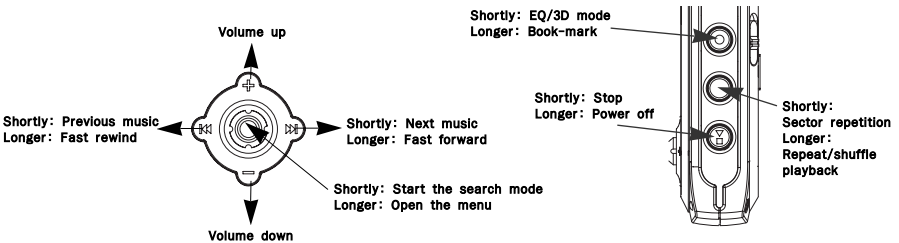


3. Press the ▶ (PLAY/STOP) key to playback the selected music.
   Or, if you select a folder and press the ▶ (PLAY/STOP) key, playback will start from the first music in the selected folder.



Listening to Music

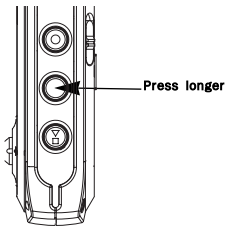
4. Key operations during playback



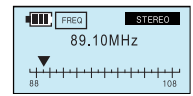
5. Adjust volume, balance and EQ/3D Stereo as you want. (See page 35 and 36.)

Switching Mode

This player provides two modes - the player mode which playback MP3 and WMA file, and the FM mode which allows to listen to FM broadcasting. Whenever you press the DEL/FM key longer, the mode will be switched between player mode and FM mode.



LCD display in the Stop mode



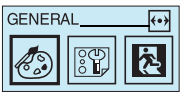
LCD display in the FM mode

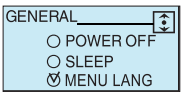
To switch to the FM mode while the file is being played back, press the ▶ (PLAY/STOP) key first to stop the player and then press DEL/FM key longer.

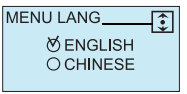
Select Menu Language

◆ **How to select menu language**

1. Go to MENU → GENERAL → MENU LANG





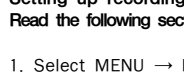


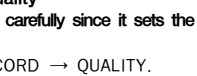
2. Choose the language as down by jog key and press Menu/Navi.

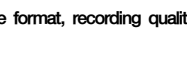
Preparation for Recording

◆ **Setting up recording quality**
Read the following section carefully since it sets the file format, recording quality and maximum recording time.

1. Select MENU → RECORD → QUALITY.







2. Select a mode by pressing the jog key upward/downward and press ◎ (MENU/NAVI) key.

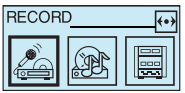
Mode	Recording Quality			Max. Recording Time [Min.]			Remarks
	Sampling	Mode	Format	510F	520F	550F	
8Kbps	8KHz	Mono	MP3(MPEG2.5 Layer3)	2065	4181	8448	
16Kbps	16KHz	Mono	MP3(MPEG2 Layer3)	1032	2090	4224	
32Kbps	32KHz	Mono	MP3(MPEG1 Layer3)	516	1045	2112	Recommended for voice recording
64Kbps	44KHz	J.Stereo	MP3(MPEG1 Layer3)	258	523	1056	
128Kbps	44KHz	J.Stereo	MP3(MPEG1 Layer3)	129	261	528	Recommended for music/FM recording
192Kbps	44KHz	Stereo	MP3(MPEG1 Layer3)	86	174	352	

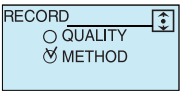
Specified memory capacity: SR-M510F:128MB, SR-M520F:256MB, SR-M550F:512MB.
Actually available memory capacity: SR-M510F:121MB, SR-M520F:245MB, SR-M550F:495MB.
The reason of a difference in memory capacity is that some of the memory is used for basic player operation.

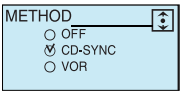
Preparation for Recording

◆ **Setting up recording method**

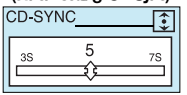
1. Select MENU → RECORD → METHOD.







(When setting CD-Sync)



2. Select a mode by pressing the jog key upward/downward and press the ◎ (MENU/NAVI) key.

Mode	Operation
OFF	Normal recording mode
VOR	VOR (Voice On Recording) function stops recording temporarily when the voice is too low or there is no detected sound.
CD-Sync	CD-Sync function automatically separates the file by detecting the mute sector between files, when recording several files continuously from the external devices. You can set the mute sector from 3 to 7 seconds.

Note

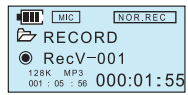
- **When recording with the CD-Sync function, the total number of files may differ from the source.**
- **When recording with the CD-Sync function, recording will be automatically stopped if the mute sector lasts more than 7 seconds than specified.**

Recording Voice

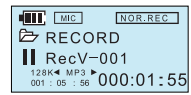
◆ **Recording with the internal microphone**

1. Press ● (REC/EQ) key in the Stop mode to start recording.
2. Press ● (REC/EQ) key again to pause recording.
   To resume recording, press the key again.

Stop Mode



Recording Mode



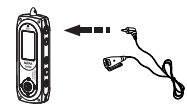
Pause Mode

3. To stop voice recording, press ▶ (PLAY/STOP) key.

◆ **Recording with the external microphone**

The external microphone is optional.

1. Connect the external microphone as shown in the figure.



2. Press ● (REC/EQ) key shortly in the Stop mode to start recording.

Note

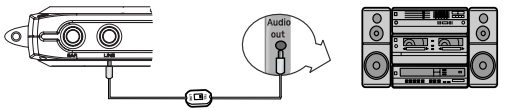
You should press ● (REC/EQ) key shortly to record with the external microphone. If you press the key longer, the player will enter the external device recording mode, which results in abnormal recording.

3. Refer to the recording with the internal microphone for the subsequent usage method.

Recording with External Device

Use this function to record the audio signal from the audio device or PC.

1. Connect the player to the external device using the provided audio cable, as shown in the figure.



2. Press ● (REC/EQ) key longer in the Stop mode to start recording.

Note

You should press ● (REC/EQ) key longer to record external audio signals. If you press the key shortly, the player will enter the external microphone recording mode, which results in abnormal recording.

3. Refer to the recording with the internal microphone for the subsequent usage method.

Note

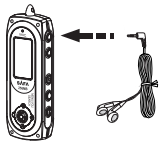
1. All recording files will be saved in the RECORD folder. The file name will be automatically created according to the recording signal, as shown in the following table.

Recording Signal	File Name
Voice Recording File	RECV-001
External Device Recording File	RECL-001
FM Recording File	RECF-001

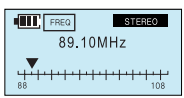
2. To playback the recorded file, select the file in the RECORD folder using the jog key, and then press ▶ (PLAY/STOP) key.

Listening to FM Radio

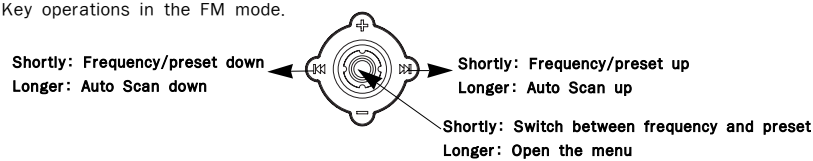
1. Connect the earphone to the earphone terminal.
   The earphone plays a role of an antenna. Therefore, if you don't connect the earphone, the receptivity can be poor.



2. Switch to the FM mode by pressing DEL/FM key longer. You can switch to the FM mode in the Stop mode only.

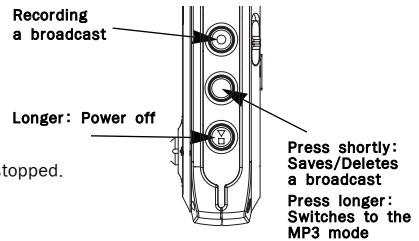


3. Key operations in the FM mode.

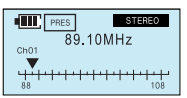

Shortly: Frequency/preset down
Longer: Auto Scan down
Shortly: Frequency/preset up
Longer: Auto Scan up
Shortly: Switch between frequency and preset
Longer: Open the menu

Listening to FM Radio

4. Select a station by pressing the jog key to ⏮ ⏭ direction.
When you press the jog key to ⏮ ⏭ direction, the frequency will be stepped up/down.
Automatic station scanning (Auto Scan):
When you press and hold the jog key to ⏮ ⏭ direction, the nearest station will be automatically scanned and scanning will be stopped.



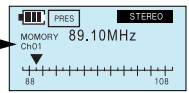
5. Press ◎ (MENU/NAVI) key to switch between Frequency/Preset mode.
In the Frequency mode, the frequency will be moved up/down when you press the jog key to ⏮ ⏭ direction, whereas it moves up/down to the saved channel.



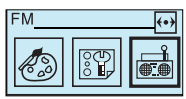
Listening to FM Radio

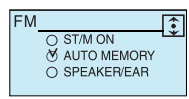
6. To memorize the station...
   You can save up to 20 channels in the Frequency mode only.
   Scan the station while pressing the jog key to ⏮ ⏭ direction and press DEL/FM key to save it in a channel.

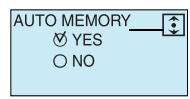
When the broadcasting station is saved.



7. To automatically memorize the station...
   Press ◎ (MENU/NAVI) key after selecting MENU → FM → AUTO MEMORY → YES to automatically save the station.
   When automatic station saving is completed, the player will be switched to the Preset mode and channel #1 will be received.





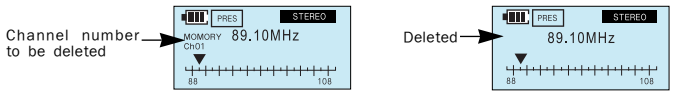


Note

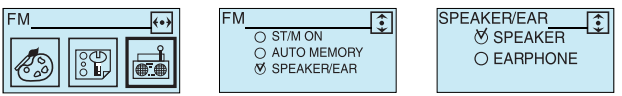
The newly selected station will be overwritten to the selected channel.

Listening to FM Radio

8. To remove the saved channel...
   Press the jog key to ⏮ ⏭ direction to select the channel for deletion, and press DEL/FM key.



9. To listen to the FM broadcasting with a speaker
   (However, the earphone should be connected continuously since it plays a role of an antenna.)
   Select MENU → FM→ SPEAKER/EAR and SPEAKER. Press ◎ (MENU/NAVI) key.

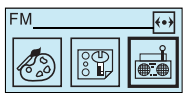


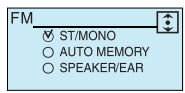
If you switch to the player mode or turn the player off, the earphone will be selected automatically.

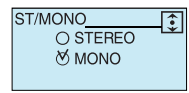
Listening to FM Radio

10. To listen to the broadcasting with mono sound...
    Noise can be occurred if you listen to the broadcasting in weak frequency area.
    In this case, select mono sound to reduce noise.

MENU → FM → ST/MONO



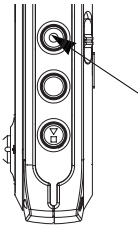


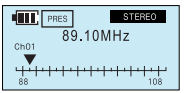


Recording FM Broadcasting

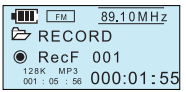
To record the FM broadcasting...

1. Press ● (REC/EQ) key while you're listening to the broadcasting.





LCD display in the FM mode



LCD display in the FM recording mode

Noise can be recorded if you record the broadcasting in the weak field strength area.

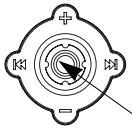
2. Press ▶ (PLAY/STOP) key to stop recording.

3. To playback the recorded broadcasting
   Exit from the FM mode by pressing DEL/FM key longer.
   Search for the target file in the RECORD folder using the jog key.
   Press ▶ (PLAY/STOP) key to playback the recorded broadcasting.

Menu Functions

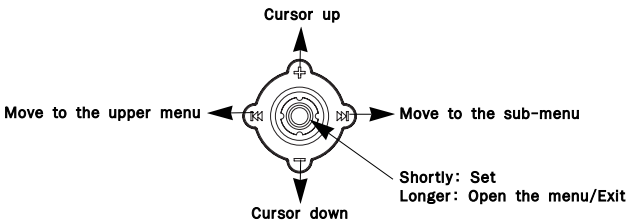
◆ **Using the menu**

1. Into the menu mode :Press ◎ (MENU/NAVI) key longer.



Press longer

2. Jog key operation in the menu mode



Menu Functions

◆ Menu function table

Stage 1	Stage 2	Stage 3	Refer to
RECORD	QUALITY	8Kbps/ 16Kbps/ 32Kbps/ 64Kbps/ 128Kbps/ 192Kbps	Page 23
	METHOD	OFF/ CD-Sync/ VOR	Page 24
PLAY	INTRO	INTRO/ Highlight	Page 47
	DISPLAY	File Name/ ID3 Tag./ LYRIC	Page 52
	PLAY LIST	ON/ OFF	Page 38
	PLAY SPEED	FAST/SLOW/NORMAL	Page 48
AUDIO	3D Stereo		Page 37
	USER EQ		Page 36
	BALANCE		Page 37
GENERAL	LIGHT TIME		Page 48
	LIGHT COLOR	Red/ Green/ Blue/ Magenta/ Yellow/ Cyan/ White	Page 49
	CONTRAST		Page 50
	POWER OFF		Page 50
	SLEEP	Off/ 15/ 30/ 60/ 90	Page 51
	MENU LANG	English / Chinese	Page 22
	ON/OFF SOUND	ON/OFF	Page 53
SYSTEM	LANGUAGE	English/ French/ German/ Hungarian/ Italian Japanese/ Chinese-Simp/ Polish/ Portuguese/ Russian Spanish/ Chinese-Trad/ Turkish/ Arabic/ Czechoslovak	Page 51
	USB	USB MODE/ MP3 MODE	Page 16
	MEMO		Page 44
	Memory Info.		Page 47
	Upgrade	YES/ NO	Page 54
	Format	LOW/ FAST/ NO	Page 41
FM	ST/MONO	STEREO/MONO	Page 31
	Auto Memory YES/ NO		Page 29
	SPEAKER/EAR	SPEAKER/ EARPHONE	Page 30

Repeat/Shuffle Playback

- **Repeat playback: Playback the selected folder or music Repeatedly.**
- **Shuffle playback: Randomly selects the music and plays it back regardless of the music sorting order.**

Repeat icon

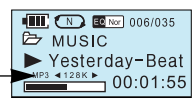
The mode changes whenever you press DEL/FM key during playback

Icon	Operation
N	Deactivates the function.
1	Repeats the current music only.
F	Repeats the folder only to which the current music belongs.
A	Repeats all music files.
S.F	Repeats the folder randomly to which the current music belongs.
S.A	Repeats all music randomly

- **Sector repetition function**

  Press DEL/FM key shortly during playback to set the sector repetition playback function. If you press the button once, the starting point will be set. If you press the button again, the ending point will be set and the selected sector will be repeatly playback. Press the key again to release the function.

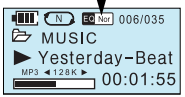
Icon when the sector repetition function is engaged.



EQ/3D Stereo Function

◆ **To change the EQ/ 3D stereo mode...**
Whenever you press ● (REC/EQ) key during playback, the mode will be changed as described below.

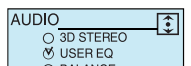
EQ/3D icons

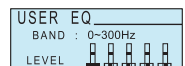


Icon	Operation	Remarks
EQ Nor	NORMAL	Deactivates the EQ function
EQ Clas	CLASSIC	Set by default.
EQ Jass	JAZZ	
EQ Pop	POP	
EQ Rock	ROCK	
EQ Bass	SUPER-BASS	
EQ User	USER	You can adjust as described below.
EQ 3D	3D STEREO	

◆ **To adjust the User EQ**

1. Select MENU → AUDIO → USER EQ.





To enter the menu mode, press here for more 2 seconds.

Adjusts band

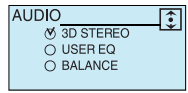
2. Set the EQ using jog key.

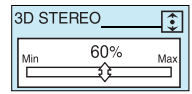
Adjusts level

EQ/3D Stereo Function

◆ **To adjust 3D stereo effect**

1. Select MENU → AUDIO → 3D STEREO.

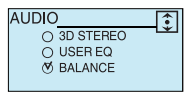


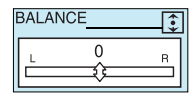


Adjust the 3D stereo effect using jog key

◆ **To adjust balance**

1. Select MENU → AUDIO → BALANCE.





2. Adjust the left/right balance using jog key.

The sound from right side diminishes.

The sound from left side diminishes.

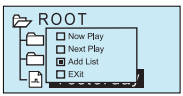
Playlist Function

What is the playlist function?

Using this function, you can specify your preferred music to playback (max. 50 music).

◆ **To add to playlist**

1. Select the music you want using the jog key and press ◎ (MENU/NAVI) key.
   Then, the following dialog box will appear.



Menu in the Dialog Box	Operation	Remarks
Now Play	Stops current music and plays the selected music immediately.	Available during playback only.
Next Play	Plays back the selected music after completing the current music.	Not available in the playlist mode.
B-mark Play	Plays the bookmarked position.	Available during stop mode.
Add List	Adds the music to the playlist.	
Exit	Exits from the dialog box.	Exits from the dialog box.

2. Select "Add List" using the jog key and press ◎ (MENU/NAVI) key.

Note

1. **If you add the folder, all music in the selected folder will be registered. If you try to add more than 50 music, the "List Full!" message will appear on the LCD.**
2. **If you to set bookmark position, ● (REC/EQ) key click longer during playing.**

Playlist Function

◆ **To remove music from the playlist**

Select the music to delete in the Stop mode → Press DEL/FM key → Select 〈〈YES → Press ◎ (MENU/NAVI)) key

◆ **To remove all music in the playlist**

Press the jog key to ⏮ direction in the stop mode.

Delete music one by one.

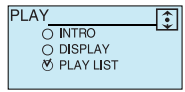
Stop mode

Playlist selection mode

Playlist Function

◆ **To playback with playlist**

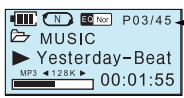
1. Select MENU → PLAY → PLAY LIST → ON.



2. Press ◎ (MENU/NAVI) key shortly to exit from the menu.
3. Press ▶ (PLAY/STOP) key to playback by the playlist order.

To return to the normal mode while playing back with a playlist, select the same menu and set to "OFF".

◆ **If you start Repeat/shuffle playback while playing back with a playlist, folder repetition and shuffle will be deactivated and following operation will be activated.**



Only it is different from normal playback.

Icon	Operation
N	Normal
1	Repeats one music file
A	Repeats all music files
S.A	Shuffles all music files

Whenever you press DEL/FM key longer during playback, the mode will be changed.

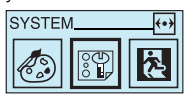
Deleting File and Folder

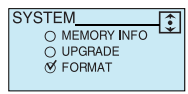
You can delete file(s) in the stop mode only.

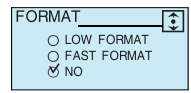
Select a file to delete → Select YES → Press ◎

If you select the format function from the menu, the memory will be initialized and all files will be deleted. Use only when you need it.

Menu → System → Format







When you press ◎(MENU/NAVI) key after selecting mode, the following operation will be initiated.

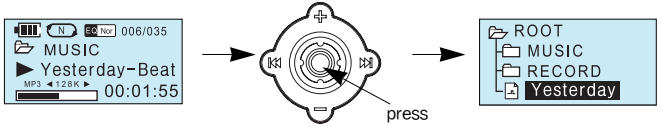
Mode	Operation
LOW FORMAT	Starts low-level format.
FAST FORMAT	Starts quick format.
NO	Exits without formatting.

Note **You can delete the empty folder only.**

Deleting File and Folder

You can search for the saved file during file playback, using the navigation function.

1. Entering navigation mode
   Press ◎ (MENU/NAVI) key during playback.



2. You can search the music you want, using the jog key.

3. The following window will be popped up if you press the ◎ (MENU/NAVI) key in the navigation mode. (See page 37 for operation by mode.)

Note

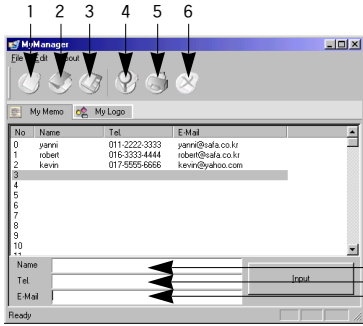
Normal playback order will be reinstated when music with "Now Play" and "Next Play" setting is played back completely.

Using Memo Function

Using the memo function, you can edit information on your acquaintances in the PC and download it to the player for retrieval. You must install the program described in the page 9.

1. Double click icon on the PC to run the program.

My Manager

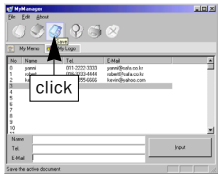


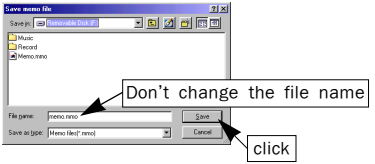
1. New : Create new file.
2. Open : Open existing file.
3. Save : Save the modified information.
4. Find : Find the acquaintance information.
5. Print : Print out the file contents.
6. Delete: Delete the selected acquaintance information.

Insert Name Window
Insert Phone Number Window
Insert E-mail Address Window

Using Memo Function

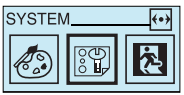
2. After inserting name/phone number/email, press the [Enter] key to save information in the selected number.
3. After inserting all acquaintance information, click the #3 toolbar (Save).

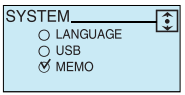


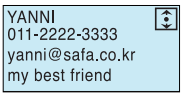


4. Download the edited file under the ROOT folder in the player.
   (For uploading, the player should be connected to the PC. See page 10.)

5. Select MENU → SYSTEM → MEMO.







6. Search the memo by pressing the jog key upward or downward.

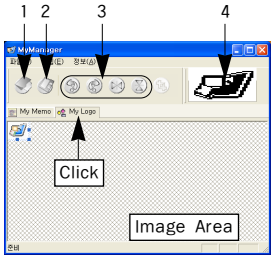
Note

The memo function is enabled in the stop mode only.
You can input information of up to 128 persons.

Using Logo Function

Using the logo function, you can download the logo file edited in the PC to this player. Then, it will be displayed when the power is turned on. You must install the program described in the page 9.

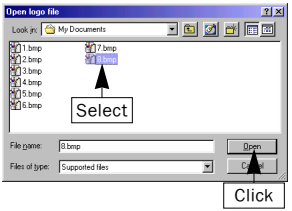
1. Double click icon in the PC to run the program.
   My Manager

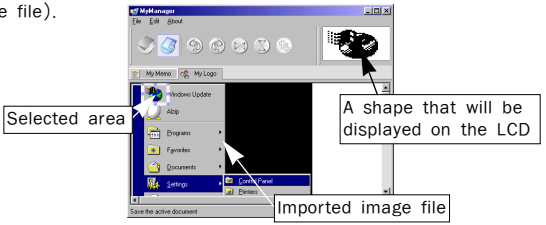


1. Open : Open existing image file.
2. Save : Save the edited file.
3. Rotate : Rotate the opened image.
4. Preview : Display the shape of the current image when displayed on the LCD.

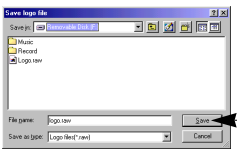
Using Logo Function

2. Click the #1 toolbar (Import image file).





3. When image editing is completed, click #2 toolbar (Save file).



Insert the name of the folder to save and click it.
(You should not change the file name)

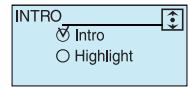
4. Downloads the saved file to the "ROOT" directory of the player.
5. Plug out the player from the PC and turn the power on to display the edited image.

Advanced Operations

◆ **INTRO function**

The Intro function playback the saved music for 10 seconds so that you can see what it is.

1. Select MENU → PLAY → INTRO.



2. Select the mode you want, using the jog key and press ◎ (MENU/NAVI) key.

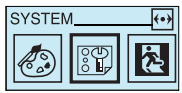
Mode	Operation
INTRO	Playback first 10 seconds of each music.
HIGHLIGHT	Playback from 01:00 to 01:10 in each music.

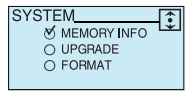
Note

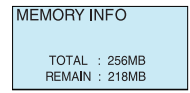
Even though you select the HIGHLIGHT mode, only the first 10 seconds will be played back if music length is shorter than one minute 10 seconds.

◆ **Checking MEMORY INFO**

Select MENU → SYSTEM → MEMORY INFO.



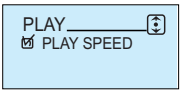


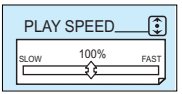


Advanced Operations

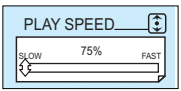
◆ **Controlling Playback Speed**

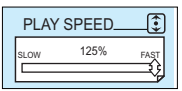
1. Enter MENU → PLAY→ PLAY SPEED.





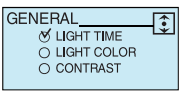
2. SLOW plays at 75% of normal speed. FAST plays at 125% of normal speed.

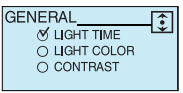


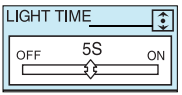


◆ **Setting up backlight time**

1. Select MENU → GENERAL → LIGHT TIME.







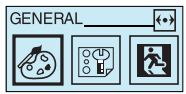
2. Set the time duration you want by pressing the jog key upward/downward and press ◎ (MENU/NAVI) key.

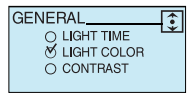
Setting Value	Operation
0	Backlight is always off.
1,2,---,9	Turns on the backlight as long as specified.
ON	Backlight is always on.

Advanced Operations

◆ **Setting up backlight color**

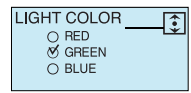
1. Select MENU → GENERAL → LIGHT COLOR and press ◎ (MENU/NAVI) key.





2. Select the mode to change by pressing the jog key upward/downward and press ◎ (MENU/NAVI) key shortly.

3. Select the backlight color by pressing the jog key upward/downward and press ◎ (MENU/NAVI) key shortly.

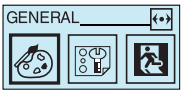


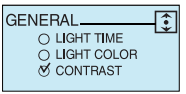
Mode	Operation	Default Color
ALL	Always applies only one color.	
STOP	Changes the backlight colorfor search/navigation.	GREEN
PLAY	Changes the backlight color for playback.	BLUE
RECORD	Changes the backlight color for recording.	RED
FM	Changes the backlight color for FM mode.	BLUE
MENU	Changes the backlight color for menu mode.	GREEN

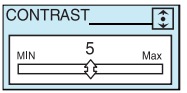
Advanced Operations

◆ **Adjusting text CONTRAST**

1. Select MENU → GENERAL → CONTRAST.





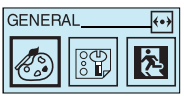


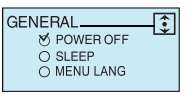
2. Adjust contrast by pressing the jog key to the left/right direction and press ◎ (MENU/NAVI) key.

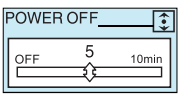
◆ **Changing Auto Power Off time**

If you don't press any key for a certain period of time, the power will be automatically turned off. You can change the automatic power off time as described below.

1. Select MENU → GENERAL → POWER OFF .







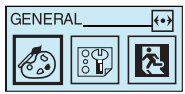
2. Adjust the time by pressing the jog key upward/downward and press ◎ (MENU/NAVI) key.

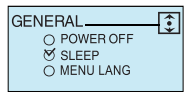
Advanced Operations

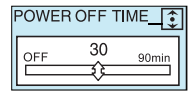
◆ **Setting up SLEEP time**

The sleep time function turns off the player after a specified period of time.
It is convenient when you want to sleep while listening to the music.

1. Select MENU → GENERAL → SLEEP.





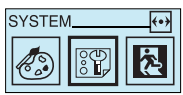


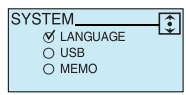
2. Adjust the time by pressing the jog key upward/downward and press ◎ (MENU/NAVI) key.

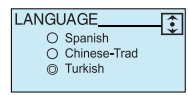
◆ **Setting up LANGUAGE**

The strings displayed on the LCD may be illegible depending on the PC OS that entered the music information.
If you find an illegible character, change the language set as described below.

1. Select MENU → SYSTEM → LANGUAGE.





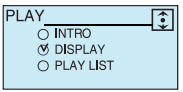


2. Adjust the language by pressing the jog key upward/downward and press ◎ (MENU/NAVI) key shortly.

Advanced Operations

◆ **Setting up the LCD DISPLAY mode**

1. Select MENU → PLAY → DISPLAY.



2. Select the mode you want using the jog key and press ◎ (MENU/NAVI) key.

Mode	Operation
File Name	Displays the file name only.
ID3 TAG	Displays ID3 Tag. If don't have ID3 Tag file, the file name will be displayed.
LYRIC	Displays lyrics. If don't have lyrics file, the file name will be displayed.

This product supports lyrics of a song, for **[*.lrc]** format.
If you need to display the lyrics of a song, please follow the steps below.

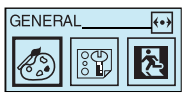
1. Using the LRC edit program, make the **[*.lrc]** file, or download from the internet if available.
   A different program could provide a different edit method. Therefore, you could find the details about it in the site you connect with. **ex) www.nicemusic.co.kr**
2. Save the edited **[*.lrc]** file into the same folder where the original song is stored.
   ex) if the name of the song is [Yesterday.mp3], then save its [Yesterday.lrc] in the same folder.
3. Change your LCD display mode to LYRIC.
4. Now, playback the song, you can enjoy the lyrics on the LCD display.

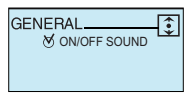
Setting start/end sound when turning the power on/off

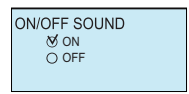
◆ **To play back music when turning the power on/off.**

Copy the MP3 files you want under the monable disc folder and rename the file into "START.MP3" and "END.MP3" respectively. Then, start/end sound will be changed. Only the beginning of the MP3 file will be played back for 3 seconds, regardless of whole music length.

1. Select MENU → GENERAL → ON/OFF SOUND







2. Select "ON" and press the "MENU/NAVI" key.

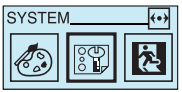
Caution

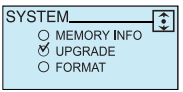
The name of the file must be "START.MP3" and "END.MP3", and these files should be saved under the moveable disc folder.

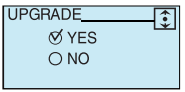
Upgrading Firmware

Firmware is the internal program to operate the product.
This model has built-in firmware upgrade function. You can download the latest firmware, if available, from our web site.

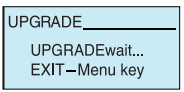
1. After turning the player on, select MENU → SYSTEM → Upgrade → YES and press ◎ (MENU/NAVI) key.







2. When the following message appears on the LCD window, connect the player to the PC.



Once connected to the PC. LCD display will be changed as above.

3. Take the steps as instructed by our web site.

www.safa.co.kr
www.safa.com.hk

Note

You should restart the player after firmware upgrade to make it effective.

Troubleshooting

Symptom	Check	Corrective Actions
LCD is not displayed.	Battery is flat. Battery is inserted with wrong direction.	Replace with new battery. Insert the battery with a correct insertion direction.
Unable to record	Check HOLD switch position. Battery is flat. Memory is full.	Move HOLD off position Replace with new battery. Delete the unnecessary files.
Unable to playback	Check HOLD switch position. Battery is flat. Nothing recorded yet. Volume is set to 0.	Move HOLD off position Replace with new battery. Check recording number. Adjust volume control.
No sound from the speaker	Earphone is plugged in. Volume is set to 0.	Plug out the earphone. Adjust volume control.
No sound from the earphone	Earphone is not fully plugged in. Volume is set to 0.	Plug in the earphone completely. Adjust volume control.

Specifications

Item		Specification
Recording	Sound Quality	See page 22
	Max. Recording Time	
	Mono/Stereo	
	File Format	
Recording Media	Internal Memory	128MB/ 256MB/ 512MB
Playback	MP3, WMA	MP3: All bit rates, WMA: 32Kbps ~ 192Kbps
FM	Frequency Bandwidth	87.5 ~ 108 MHz
	Antenna	Earphone type
Battery Life	In Continuous Playback Mode	9 hours (when an earphone is used)
File Structure		SSFDC Forum Specification
PC Interface		USB1.1
PC O/S		Windows 98SE, ME, 2000, XP, (Mac)
Player Power		AAA/LR03 1.5V 1 ea or USB Power Supply
Max. Output power		Speaker (8Ω): 70mW, Earphone (16Ω): 7mW/CH
Record Input source		Internal microphone, external audio device, external microphone, telephone conversation and FM radio
S/N Ratio		85dB
Frequency		20Hz ~ 20KHz
Dimensions		Width:29.5mm, Length:84mm, Depth:18.8mm
Weight		34.5g (without battery)

Warranty

Paid Service

1. Malfunction due to user's negligence.
2. Malfunction due to unauthorized modification or repair
3. Malfunction due to natural hazards (such as fire, seawater, flood, or war).
4. When the warrantee period is expired.

Product Name	Digital Recordable Multi Player		
Model Name	SR-510F/M520F/M550F		
Date of Purchase	yr mon day	Warranty Period	1yr
Location		Paid Amount	

About Services

1. This product has passed through quality management and testing.
2. Any malfunction during normal use will be repaired free within the warrantee period.
3. A service charge will be applied to the services in Charged Service Guide even in the warrantee period.
4. This Warranty is valid only in the country of purchase.
5. Please fill the warrantee from and keep it at the safa place.
6. Please contact your local dealer when any problem occurs to this product.

SAFA SAFA MEDIA Co., Ltd.

15F DongWon Securities B/D, Karak-Dong, Songpa-ku, Seoul, Korea

TEL : +82-2-3400-5200(Rep)
FAX : +82-2-3401-4142
http://www.safa.co.kr

SF69-00419A